

## PROPOSAL MONITORING

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The “WE CAN — San Joaquin Valley” Landscape Upgrade Rebate Program targets end-user residential outdoor water use (see red circled area in water system flowchart, below). Outdoor water use accounts for approximately 60% of total household water use in the three communities targeted for this project, allowing us to achieve a high percentage of water use reduction, and associated energy use and greenhouse gas emissions reduction at relatively low cost.

Our pilot project cities; Fresno, Clovis, and Reedley, are fully metered and two use state-of-the-art Automated Meter Information (AMI) technology, making it relatively easy to monitor and report water use. Each of our three pilot project cities operates their own water utility (Fresno, Clovis, Reedley). We have support from the pilot cities along with support from the HERO Property Assessed Clean Energy (PACE), financing program operating in these jurisdictions, to provide residential usage data for rebate applicants. Based on the data available from these jurisdictions and the electric utility that serves them, we were able to calculate our projected water, energy, and greenhouse gas emissions reductions. GHG emission data per kWh came from Pacific Gas and Electric Company (PG&E), and reflects their most recent carbon intensity information for 2013.

The Local Government Commission will collect and report water and energy savings data on a quarterly basis to verify actual water, energy, and greenhouse gas emissions reductions for the project. We will take water usage information for rebate recipients obtained from each city water utility and calculate the associated energy savings and greenhouse gas emissions reductions. Energy and GHG reduction calculations will be based on annual kWh per MG of water delivered information from each water utility combined with GHG per kWh data from PG&E.

Additionally, we will administer participant satisfaction surveys for our rebate recipients, job training attendees, and HERO program contractors that will be marketing the program. In contrast to the strictly quantitative measures described above, this will be a qualitative evaluation of the overall effectiveness of the WE CAN — San Joaquin Valley Program, from a community engagement and implementation perspective. As with the quarterly usage data analysis, the participant satisfaction survey data will be synthesized and incorporated into the grant’s quarterly update reports.